

02/25/02

PATENT APPLICATION

1624

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dominguez et al.

Serial No.: 09/732,546

Group Art Unit No.: 1624

Filed: December 8, 2000

Examiner: Rao, Deepak R

For: Integrin Inhibitors and Their Methods of Use

Docket No.: A-648

ELECTION AND AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This is a response to the Office Action mailed 28 January 2002.

AMENDMENT

In the Specification:

Please replace the first full paragraph of page 3 with the following:

a' Integrin $\alpha_v\beta_6$ is an RGD, tenascin and fibronectin binding protein (J. Biol. Chem. 267:5790-6, 1992) which is expressed by a number of cells, such as carcinoma and epithelial cells, and is thought to be involved in carcinoma cell proliferation (J. Cell Biol. 127:547-56, 1994), in wound healing and cell attachment (J. Invest. Dermatol. 106:42-8, 1996), in epithelial inflammation, such as asthma (J. Cell Biol. 133:921-928, 1996), in inducing gelatinase B secretion, activation of the protein kinase-C pathway, tumor cell spreading and proliferation in colon cancer cells (Biochem. Biophys. Res. Commun. 249:287-291, 1998; Int. J. Cancer 81:90-97, 1999), in regulation of pulmonary inflammation and fibrosis and binding and activating

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Lynne Buchsbaum
Signature